

ABSTRACT

A conductive rubber roller for OA that realizes semipermanent recycling of rubber part, enabling cost reduction and excelling in effective exploitation of resources.

- 5 There is provided a conductive rubber roller for OA characterized by containing a recycled rubber. It is preferred that the conductivity of the rubber roller be provided by ionic conduction or electronic conduction. It is also preferred that the ratio of recycled rubber to the rubber part of the rubber roller be in the range of 5 to 50 mass%. The rubber roller can preferably be obtained by a process characterized by including the steps
- 10 of micropulverizing the rubber separated from rubber roller to thereby obtain a micropulverized rubber; increasing the fluidity of the micropulverized rubber through physical treatment and/or heat treatment to thereby obtain a recycled rubber; and mixing the recycled rubber with virgin rubber.